

Application Number **09/761,795**
Amendment dated **24 October 2005**
Reply to Office Action of **22 April 2005**

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (original): A system for recording a first set of medical image data on a portable digital recording medium, comprising:

a receiving module configured to receive said first set of medical image data;

a processing module configured to process said first set of medical image data; and

an output module configured to transmit said first set of medical image data to a first device configured to record said first set of medical image data on said portable digital recording medium, wherein a viewing program configured to view said first set of medical image data is stored on said portable digital recording medium.

Claim 2 (original): The system of claim 1, wherein said viewing program is recorded on said portable digital recording medium by said first device.

Claim 3 (original): The system of claim 1, wherein said first device is configured to print a label on said portable digital recording medium.

Claim 4 (original) The system of claim 3, wherein said output module is configured to transmit a label-specification file to said first device, and wherein said first device is configured to print said label on portable digital recording medium according to the specification in said label-specification file.

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Claim 5 (original): The system of claim 1, wherein said processing module is configured to create and store audit information of said portable digital recording medium.

Claim 6 (original): The system of claim 1, wherein said processing module is configured to communicate with one or more browsing terminals.

Claim 7 (original): The system of claim 1, wherein said portable digital recording medium is an optical disk.

Claim 8 (original): The system of claim 7, wherein said portable digital recording medium is a CD or DVD.

Claim 9 (original): The system of claim 1, wherein said processing module is configured to retrieve a second set of medical image data that are related to said first set of medical image data, and wherein said output module is configured to transmit said second set of medical image data to said first device.

Claim 10 (original): The system of claim 1, wherein said receiving module is configured to receive said first set of medical image data from an image server.

Claim 11 (original): The system of claim 10, wherein said receiving module is configured to receive said first set of medical image data continuously from said image server.

Claim 12 (original): The system of claim 1, wherein said receiving module is configured to receive said first set of medical image data in a DICOM-compatible data format.

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Claim 13 (original): A method of storing a first set of medical image data on a portable digital recording medium, comprising:

receiving said first set of medical image data; processing said first set of medical image data; and

storing said first set of medical image data on said portable digital recording medium, wherein a viewing program configured to view said first set of medical image data is stored on said portable digital recording medium.

Claim 14 (original): The method of claim 13, wherein said viewing program is stored on said portable digital recording medium after the step of processing said first set of medical image data.

Claim 15 (original): The method of claim 13, wherein the step of storing said first set of medical image data comprises transmitting said first set of medical image data to a device configured to record said first set of medical image data on said portable digital recording medium.

Claim 16 (original): The method of claim 13, further comprising:

creating audit information regarding said portable digital recording medium; and

storing said audit information.

Claim 17 (original): The system of claim 13, wherein the step of processing said first set of medical image data comprises retrieving a second set of medical image data that are related to said first set of medical image data, and wherein the step of storing said first set of medical image data on portable digital recording medium comprises storing said second set of medical image data on said portable digital recording medium.

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Claim 18 (original): The method of claim 13, wherein said portable digital recording medium is an optical disk.

Claim 19 (original): The method of claim 18, wherein said portable digital recording medium is a CD or DVD.

Claim 20 (original): The method of claim 13, wherein the step of receiving said first set of medical image data comprises receiving said first set of medical image data from an image server.

Claim 21 (original): The method of claim 20, wherein the step of receiving said first set of medical image data comprises receiving said first set of medical image data continuously from said image server.

Claim 22 (original): The method of claim 13, wherein the step of receiving said first set of medical image data comprises receiving said first set of medical image data in DICOM-compatible data format.

Claim 23 (original): A method of selecting medical image data for recording on a portable digital recording medium, comprising:

- connecting a browsing terminal to a computer database storing medical image data;

- from said browsing terminal, selecting a first set of said medical image data stored on said computer database; and

- recording said selected first set of medical image data on said portable digital recording medium, wherein a viewing program configured to view said first set of medical image data is stored on said portable digital recording medium.

Claim 24 (original): The method of claim 23, further comprising:

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creating audit information regarding said portable digital recording medium; and
storing said audit information.

Claim 25 (original): The method of claim 23, wherein said portable digital recording medium is an optical disk.

Claim 26 (original): The method of claim 25, wherein said portable digital recording medium is a CD or DVD.

Claim 27 (original): The method of claim 23, further comprising:
retrieving a second set of medical image data that are related to said selected first set of medical image data; and
recording said retrieved second set of medical image data on said portable digital recording medium.

Claim 28 (original): The method of claim 23, wherein the step of recording said selected first set of medical image data comprises:
from said browsing terminal, selecting, on the basis of said first set of medical image data, a first production device configured to record said first set of medical image data on said portable digital recording medium; and
transmitting said first set of medical image data to said first production device.

Claim 29 (currently amended): A method of selecting a first set of medical image data for recording on a portable digital recording medium, comprising:
connecting a browsing terminal to a computer database storing medical image data;
from said browsing terminal, selecting a first set of said medical image data stored on said computer database;

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performing a search of said computer database for medical data related to the selected first set of said medical image data, wherein results of said search are compiled into a second set of medical data;

~~retrieving a second set of medical image data that are related to said selected first set of medical image data; and~~

recording said selected first set of medical image data and said ~~retrieved~~ compiled second set of medical image data on said portable digital recording medium.

Claim 30 (cancelled).

Claim 31 (currently amended): A system for recording medical image data on a portable digital recording medium, comprising:

a receiving module configured to receive a first set of medical image data;

a processing module configured to (a) process said first set of medical image data and configured to, (b) search a medical data storage unit for medical data retrieve a second set of medical image data that are related to said first set of medical image data, and (c) compile results of the search into a second set of medical data; and

an output module configured to transmit said first set of medical image data and said second set of medical image data to a production device configured to record said first set of medical image data and said second set of medical image data on said portable digital recording medium.

Claim 32 (cancelled).

Claim 33 (currently amended): The system of ~~claim 30~~, Claim 31, wherein said system is connected to multiple medical image data storage units, wherein said first set of medical image data originates from an originating image input device, wherein said processing module is configured to determine, on the basis of said originating image

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input device, a first set of medical ~~image~~ data storage units from said multiple medical ~~image~~ data storage units, and wherein said processing module is configured to retrieve ~~said second set of medical image data~~ search for medical data related to said first set of medical image data from said first set of medical ~~image~~ data storage units.

Claim 34 (currently amended): A method of storing a first set of medical image data on a portable digital recording medium, comprising:

- receiving said first set of medical image data;
- processing said first set of medical image data; and
- ~~optionally storing~~ said first set of medical image data on said portable digital recording medium, wherein a viewing program configured to view said first set of medical image data is stored on said portable digital recording medium.

Claim 35 (original): The method of claim 33, wherein said step of processing said first set of medical image data comprises determining an originating image input device of said first set of medical image data, and wherein the step of optionally storing said first set of medical image data comprises determining, on the basis of said originating image input device, whether to store said first set of medical image data on said portable digital recording medium.

Claim 36 (currently amended): A method of storing a first set of medical image data on a portable digital recording medium, comprising:

- receiving said first set of medical image data in an application server;
- processing said first set of medical image data in said application server;
- connecting said application server to a first production device and a second production device, said first production device and said second production device each configured to record said first set of medical image data on said portable digital recording medium;

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selecting, on the basis of said first set of medical image data, a target production device from a list of said first production device and said second production device; and

transmitting said first set of medical image data to said target production device.